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United States Patent [19]

Tower

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[54]	INTRAVASCULAR RADIALLY
	EXPANDABLE STENT

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Related U.S. Application Data

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[51]	Int. Cl.5		29/00
[52]	HS C	606 /109.	622/1.

623/12 [58] Field of Search 606/108, 198, 191;

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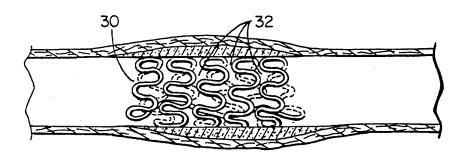
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[57] ABSTRACT

An improved radially expandable stent formed from a fine wire bent into a serpentine flat ribbon which is wound around a mandrel into a cylindrical sleeve for mounting on a balloon catheter for transluminal insertion in a vessel such as a blood vessel is provided. A very small diameter fine platinum wire is used to form the basic cylindrical sleeve and it is welded to a pigtail of the wire forming the sleeve to provide longitudinal stability.

5 Claims, 1 Drawing Sheet



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